

CHARGE NUMBER: 2304
PROJECT TITLE: FLAVOR CREATION
PERIOD COVERED: FEBRUARY, 1983
DATE OF REPORT: MARCH 1, 1983
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I. Ammonia In Cigarettes

OBJECTIVE:

To determine the optimum level of ammonia in cigarettes.

CURRENT STATUS:

Cigarette models constructed using DAP as the ammonia source were analytically and subjectively evaluated. The DAP was applied to RL-TC at levels from 0 to 8%. The subjective findings were confusing at best. Additional models using BL, RL-TC and specially treated RL-TC have been requested.

PLANS & TIMETABLE:

New models have been requested in semi-works. Consumer research testing will be requested after evaluation of these models - March, 1983

II. Sweet Flavor

OBJECTIVE:

To develop a coumarin type flavor.

CURRENT STATUS:

Several models have been constructed by semi-works and internally screened for proper flavor level. Chosen models were submitted to C.E.S. for subjective evaluation.

PLANS & TIMETABLE:

Based upon the results from C.E.S., mail-out consumer tests will be initiated in March, 1983.

III. Burley Type Flavor

OBJECTIVE:

To develop a flavor that fortifies the subjective contribution of burley in a blended cigarette.

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CURRENT STATUS:

Screenings of materials that have been identified in burley are in progress.

PLANS & TIMETABLE:

Base models for flavor evaluation are being constructed. Evaluations and formulation to be conducted through April, 1983.

IV. Evaluation of Flavoring Materials

OBJECTIVE:

To evaluate the contribution of flavoring materials to mainstream smoke and pack aroma.

CURRENT STATUS:

The following materials have been evaluated:

- A. Butyric Acid F.E.M.A. - 2221 -sour, earthy, puckery
- B. Baleric Acid F.E.M.A. - 3101 -dirty, more burley
- C. 3 Ethyl Pyradine F.E.M.A. - 3394 -earthy, more burley
- D. 3 Acetyl Pyradine F.E.M.A. - 3324-more burley, horsey

V. References:

Notebook Nos: 7340, 7349, 7658, 7677

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